

Converting Colors

Hex(AA4870)

Have a look what the booklet for
Hex(AA4870) contains.

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Color

Hex(AA4870)

Conversions

Conversions Part 1

Format	Color
Hex	AA4870
RGB	170, 72, 112
RGB Percent	67%, 28%, 44%
CMY	0.3333, 0.7176, 0.5608
CMYK	0.00, 0.58, 0.34, 0.33
HSL	336°, 40%, 47%
HSV	336°, 58%, 67%
XYZ	21.8196, 14.3506, 16.9492
YIQ	105.8620, 45.5680, 33.2160

Conversions

Conversions Part 2

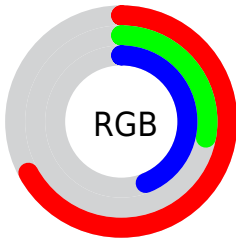
Format	Color
R_{YB}	170, 72, 112
Decimal	11159664
CIE _{Lab}	44.73, 44.38, -2.88
CIE _{LCh}	45, 44.472, 356.291
Yxy	14.3506, 0.4108, 0.2702
Android (android.graphics.Color)	4289349744 (0xFFAA4870)
YUV	105.8620, 3.0260, 56.2490
Hunter-Lab	37.8822, 36.5193, -0.0098

Details

The Hex color **AA4870** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **48AA82**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **E47DA4**, and **721040** is the 20% darker color. If you saturate the color by 10%, you get **AA3766**, and if you desaturate by 10%, it is **AA597A**.

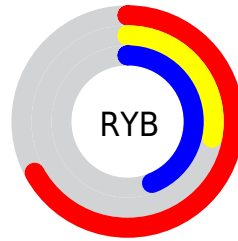
Distribution



Red (67%)

Green (28%)

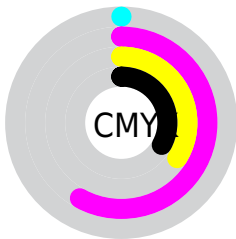
Blue (44%)



Red (67%)

Yellow (28%)

Blue (44%)

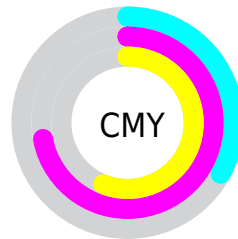


Cyan (0%)

Magenta (58%)

Yellow (34%)

Black (33%)



Cyan (33%)

Magenta (72%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA4870 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color AA4870 by changing the saturation by 10% instead.

■ AA4870

■ AA4870

FFFFFF

■ 8E2E58

■ E47DA4

■ 721040

■ FF98BF

■ 57002A

■ FFB3DA

■ 3D0016

■ FFCFF7

■ 230001

■ FFECFF

■ 000000

■ AA4870

■ AA4870

■ AA3766

■ AA597A

■ AA265C

■ AA6A84

■ AA1552

■ AA7B8E

■ AA0448

■ AA8C98

■ AA0045

■ AA9DA2

■ AA AEAC

■ AA BFB6

■ AA D0C0

■ AA E1CB

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



925293



AA4870



AC4B4B

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



AA4870



5D7122



0078A7

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



AA4870



48AA82

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



007B8A



AA4870



2B783F

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



AA4870



81661A



007B64



006FB4

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



AA4870



A45336



007B64



00799F

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



AA4870



DEB8C8



8148AA



705A63



F0F0F0



707070

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



AA4870



DE4583



AA5048



544C4F



94003C



140008

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



AA4870



DE4583



48A2AA



544C4F



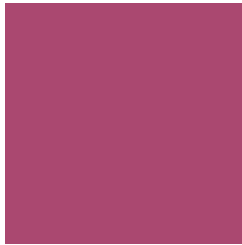
94003C



140008

Previews

White Background



This preview shows how the Hex color AA4870 looks on a white background.

Color Contrast Check

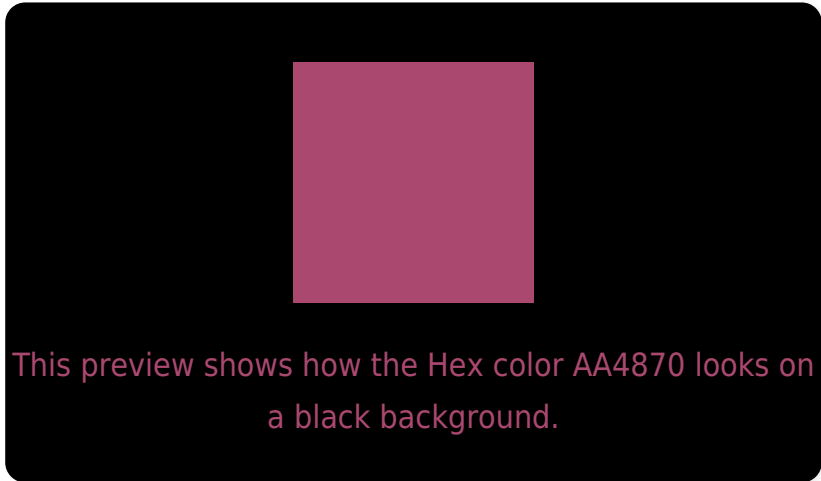
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex AA4870 Background



This preview shows how black text looks on a background with the Hex color AA4870.

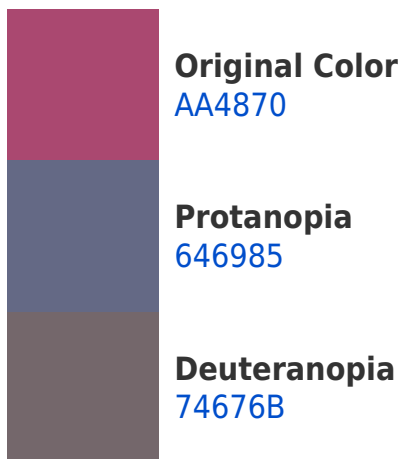


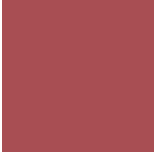
This preview shows how white text looks on a background with the Hex color AA4870.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

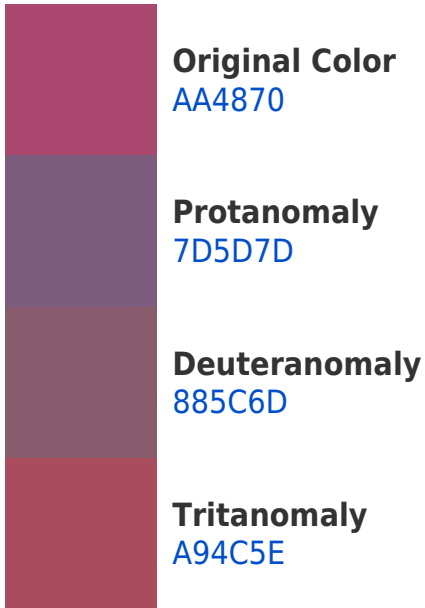
Dichromacy



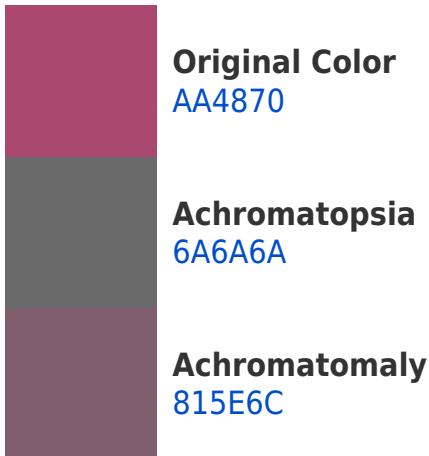


Tritanopia
A84E53

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA4870 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #AA4870 looks like.

```
.text, #text, p{  
    color:#AA4870  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #AA4870 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA4870  
}
```

Border

The CSS property to change the border of an element to Hex AA4870 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#AA4870 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#AA4870 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #AA4870 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA4870; -webkit-box-shadow:4px 4px  
4px 4px #AA4870; box-shadow:4px 4px 4px  
4px #AA4870 }
```

Background

The CSS property to change the background color of an element to Hex AA4870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA4870 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#AA4870 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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